

## **Supplementary Authorizations**

for Single Subject, Standard Secondary and Special Secondary\* Teaching Credentials  
(Regulations effective 4-8-95)

The holder of a Single Subject, Standard Secondary, or Special Secondary\* Teaching Credential may have one or more of the subjects commonly taught in departmentalized classes and listed below added to his or her credential as a supplementary authorization by verifying completion of the following requirements specified in Title 5, California Code of Regulations, §80089, 80089.1, and 80089.2. Supplementary authorizations cannot be issued in any subject that falls within the statutory single subject category of an applicant's Single Subject Teaching Credential.

### **REQUIREMENTS:**

Official transcripts showing the completion of either a or b:

- a. 20 semester units (or 10 upper division semester units) of non-remedial course work in the subject, completed at a regionally accredited community college, college, or university. The "Introductory" subjects require at least one course in each of the specified areas listed; the balance of the 10 or 20 units may be in any course within the subject category. A grade of "C" or higher is required in every course used to meet this requirement. Education and education methodology classes will not be counted unless the applicant can get a letter from the chair of the subject area department stating that the course is equivalent to one offered by that department. Non-remedial courses are those which are applicable to a bachelor's degree or a higher degree at a regionally accredited college or university.
- b. A collegiate major from a regionally accredited college or university in a subject directly related to the subject to be listed (i.e., a major in the subject itself or in a subject which subsumes the subject requested).

### **INTRODUCTORY SUBJECTS:**

The subjects which may be listed on the credential are printed below in *italics*. To obtain a subject, the teacher must verify at least one course in each of the areas listed after that subject. These subjects authorize the holder to teach at any grade level (preschool, kindergarten, grades 1-12, or in classes organized primarily for adults) **only** the subject matter content typically included for that subject in curriculum guidelines and textbooks for study in grades 9 and below.

***Introductory Agriculture:*** animal science, plant science, and agricultural mechanics

***Introductory Art:*** drawing and painting, art history or appreciation, and crafts

***Introductory Business:*** office or secretarial skills, business management, and accounting or bookkeeping

***Introductory English:*** composition, literature, and grammar or language structure

***Introductory Language Other Than English (Specify):*** grammar, composition, conversation, and literature, plus verification of oral language proficiency in the language to be listed on the credential by either: (1) passage of the oral language portion of the Bilingual Certificate of Competence assessment (see list on the reverse), (2) passage of the speaking and listening sections of Test 6 of the Crosscultural, Language and Academic Development/Bilingual Crosscultural Language and Academic Development (CLAD/BCLAD) examination, (3) a letter from the Chair of the Language Department of a regionally accredited four-year college or university verifying that the applicant's proficiency is equivalent to that of a person with a bachelor's degree with a major in that language, (4) a letter from the authorized person at a college or university which has an approved Bilingual Emphasis or Bilingual Crosscultural Language and Academic Development (BCLAD) Emphasis Credential Program stating that the applicant's proficiency in the language is equivalent to the level required to complete that program

***Introductory Health Science:*** substance abuse (including alcohol, drug, and tobacco), family health, and nutrition

***Introductory Home Economics:*** foods or nutrition, clothing, and family life

***Introductory Industrial Arts:*** drafting or graphic arts, woods or metals, and electricity or electronics

***Introductory Mathematics:*** college algebra, geometry, and development of the real number system or introduction to mathematics; or three courses in calculus or other mathematics courses for which algebra and geometry are prerequisites (all course work shall be at least at a level for which intermediate algebra is a prerequisite)

***Introductory Music:*** vocal music, instrumental music, music history or appreciation, and music theory

***Introductory Physical Education:*** team sports and games; fundamental and creative movement skills (such as dance and gymnastics); human movement, motor development, and/or motor learning; and individual, dual, nontraditional, and global sports and games (such as aquatics, conditioning, and archery)

***Introductory Science:*** biological sciences, chemistry, geosciences, and physics, (the coursework must include a one year sequence of courses in at least two of the listed subject areas and at least one course must include a laboratory component)

***Introductory Social Science:*** United States history, California history, world history, geography, and United States government

**SPECIFIC SUBJECTS:**

These subjects authorize the holder to teach the specific subject at any grade level (preschool, kindergarten, grades 1-12, and classes organized primarily for adults).

Accounting and Bookkeeping	Drafting	Office services and related technologies
Agricultural mechanics	Drama	Ornamental horticulture
Animal science	Economics	Painting and drawing
Anthropology	Economic and consumer education	Photography
Auto mechanics	Electronics	Physics ✓
Biological Sciences ✓	English Composition	Plant Science
Chemistry ✓	Food and nutrition	Plastics (industrial arts)
Clothing and textiles	Forestry and horticulture	Psychology
Community and family health, including drug use and abuse	Geography	Sociology
Comparative political systems and international relations	Geosciences ✓	Speech
Computer concepts and applications	Graphic Arts	US Government and US Civics
Consumer education (home economics)	Industrial crafts and plastics	US History and California History
Crafts, including jewelry and ceramics (art)	Instrumental music	Vocal music
Dance	Journalism	Woods (industrial arts)
	Literature	World history
	Marketing and distribution	
	Metals (industrial arts)	

**✓SPECIFIC SUBJECTS IN SCIENCE**

To obtain a specific subject in science (i.e.--Biological Sciences, Chemistry, Geosciences, Physics), the teacher's course of study must include each of the components for that area as shown below. (At least one of the courses must include a laboratory component).

**Biological Sciences:** Molecular and Cellular Biology, Biology of Organisms, and Evolution

**Chemistry:** Structure and Stability, and Chemical Reactions

**Geosciences:** Astronomy, Geology, Meteorology, and Oceanography

**Physics:** Energy-Mechanics, Energy-Heat, Energy-Electricity and Magnetism, Wave Motion, and Atomic and Nuclear Physics

**BILINGUAL CERTIFICATE OF COMPETENCE ASSESSOR AGENCIES:**

Agency or Institution	Contact Person	Languages
Merced County Office of Education Bilingual Education Department 632 W. 13th Street Merced, CA 95340	Gordon Stallings (209) 385-8309	Hmong Portuguese
National Evaluation Systems, Inc. (NES) P.O. Box 348150 Sacramento, CA 95834-8150	(916) 928-0212	Spanish
San Diego State University College of Education Policy Studies in Language and Crosscultural Education San Diego, CA 92182	Dr. Natalie Kuhlman (619) 594-5155	Khmer (Cambodian) Lao Pilipino Vietnamese
San Francisco Unified School District 135 Van Ness San Francisco, CA 94112	Mary Jew or Lisa Shek (415) 469-4781	Cantonese
University Of La Verne American Armenian International College 1950 Third Street LaVerne, CA 91750	Dr. John Khanjian (714) 593-3511, EXT 4802	Armenian

**\*SPECIAL SECONDARY TEACHING CREDENTIALS:**

To be a valid prerequisite credential per EC §44256, this credential must have been issued on the basis of at least a bachelor's degree, a student teaching requirement, and 24 semester units of course work in the subject specialty of the credential. Only Special Secondary Credential in the subjects of Art, Business Education, Homemaking, Industrial Arts, Music, Physical Education, Speech Arts, and Vocational Agriculture meet this requirement.